| Electronic Acknowledgement Receipt   |  |  |  |  |
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| EFS ID:                              | 8162848                                |  |  |  |
| Application Number:                  | 10648560                               |  |  |  |
| International Application Number:    |  |  |  |  |
| Confirmation Number:                 | 5160                                   |  |  |  |
| Title of Invention:                  | Integrated modulators and demodulators |  |  |  |
| First Named Inventor/Applicant Name: | Terence Edwin Dodgson                  |  |  |  |
| Customer Number:                     | 66547                                  |  |  |  |
| Filer:                               | Paul J. Farrell/Deanna Marman          |  |  |  |
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| Attorney Docket Number:              | 678-1243                               |  |  |  |
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| Application Type:                    | Utility under 35 USC 111(a)            |  |  |  |

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## File Listing:

| Document<br>Number                                       | Document Description                 | File Name                                    | File Size(Bytes)/<br>Message Digest | Multi<br>Part /₊zip | Pages<br>(if appl.) |
|--|--------------------------------------|--|-------------------------------------|---------------------|---------------------|
| Amendment/Req. Reconsideration-After<br>Non-Final Reject | Amendment/Req. Reconsideration-After | Amendment.pdf                                | 298784                              | no                  | 10                  |
|  | / inchanient.pai                     | a3d274d0bf79168091dd065b16fffce3df97<br>2fcd |                                     |                     |                     |

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.